PC32099A_GPR35 SERQUENCE for NY(Identical to PC32099)
SEQUENCE LISTING

<110> Pfizer Inc.; Pfizer Japan Inc. (for Japan)

<120> GPR35

<130> PC32099

<160> 23

<170> PatentIn version 3.1

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<211> 921
<212> DNA
<213> rat

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<212> PRT
<213> rat

<400> 2

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His Ile Phe Thr Ile Tyr Leu Val Leu Leu Leu Val Leu Gly Leu Leu
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Leu Asn Gly Leu Ala Leu Trp Val Phe Cys Tyr Arg Met His Gln Trp
35 40 45

Thr Glu Thr Arg Val Tyr Met Thr Asn Leu Ala Val Ala Asp Val Cys
50 55 60

Leu Leu Cys Ser Leu Pro Phe Val Leu Tyr Ser Leu Lys Tyr Ser Thr

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65                  70                  75                  80

Ser Asp Thr Pro Ile Cys Gln Leu Ser Gln Gly Ile Tyr Leu Val Asn
                85                  90                  95

Arg Tyr Met Ser Ile Ser Leu Val Thr Ala Ile Ala Val Asp Arg Tyr
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Val Ala Val Arg His Pro Leu Arg Ala Arg Glu Leu Arg Ser Pro Arg
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Gln Ala Gly Ala Val Cys Val Ala Leu Trp Val Ile Val Val Thr Ser
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Leu Val Leu Arg Trp Arg Leu Gly Ile Gln Glu Gly Gly Phe Cys Phe
145                 150                 155                 160

Ser Ser Gln Asn Arg Tyr Asn Phe Ser Thr Thr Ala Phe Ser Leu Leu
                165                 170                 175

Gly Phe Tyr Leu Pro Leu Ala Ile Val Val Phe Cys Ser Leu Gln Val
            180                 185                 190

Val Thr Ala Leu Ala Arg Arg Pro Ala Thr Asp Val Glu Gln Val Glu
        195                 200                 205

Ala Thr Gln Lys Ala Thr Arg Met Val Trp Ala Asn Leu Ala Val Phe
    210                 215                 220

Ile Ile Cys Phe Leu Pro Leu His Leu Ile Leu Thr Val Gln Val Ser
225                 230                 235                 240

Leu Asn Leu His Thr Cys Ala Ala Arg Asn Ile Phe Ser Arg Ala Leu
                245                 250                 255

Thr Ile Thr Ala Lys Leu Ser Asp Ile Asn Cys Cys Leu Asp Ala Ile
            260                 265                 270

Cys Tyr Tyr Tyr Met Ala Lys Glu Phe Gln Asp Ala Ser Leu Arg Ala
        275                 280                 285

Thr Ala Ser Ser Thr Pro His Lys Ser Gln Asp Thr Gln Ser Leu Ser
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Leu Thr
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<213> human

<400> 4

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Leu Gly Leu Leu Leu Asn Ser Leu Ala Leu Trp Val Phe Cys Cys Arg
35 40 45

Met Gln Gln Trp Thr Glu Thr Arg Ile Tyr Met Thr Asn Leu Ala Val
50 55 60

Ala Asp Leu Cys Leu Leu Cys Thr Leu Pro Phe Val Leu His Ser Leu
65 70 75 80

Arg Asp Thr Ser Asp Thr Pro Leu Cys Gln Leu Ser Gln Gly Ile Tyr
85 90 95

Leu Thr Asn Arg Tyr Met Ser Ile Ser Leu Val Met Ala Ile Ala Val
100 105 110

Asp Arg Tyr Val Ala Val Arg His Pro Leu Arg Ala Arg Gly Leu Arg
115 120 125

Ser Pro Arg Gln Ala Ala Ala Val Cys Ala Val Leu Trp Val Leu Val
130 135 140

Ile Gly Ser Leu Val Ala Arg Trp Leu Leu Gly Ile Gln Glu Gly Gly
145 150 155 160

Phe Cys Phe Arg Ser Thr Arg His Asn Phe Asn Ser Met Ala Phe Pro

PC32099A_GPR35 SERQUENCE for NY (Identical to PC32099)

165 170 175

Leu Leu Gly Phe Tyr Leu Pro Leu Ala Val Val Val Phe Cys Ser Leu
180 185 190

Lys Val Val Thr Ala Leu Ala Gln Arg Pro Pro Thr Asp Val Gly Gln
195 200 205

Ala Glu Ala Thr Arg Lys Ala Ala Arg Met Val Trp Ala Asn Leu Leu
210 215 220

Val Phe Val Val Cys Phe Leu Pro Leu His Val Gly Leu Thr Val Arg
225 230 235 240

Leu Ala Val Gly Trp Asn Ala Cys Ala Leu Leu Glu Thr Ile Arg Arg
245 250 255

Ala Leu Tyr Ile Thr Ser Lys Leu Ser Asp Ala Asn Cys Cys Leu Asp
260 265 270

Ala Ile Cys Tyr Tyr Tyr Met Ala Lys Glu Phe Gln Glu Ala Ser Ala
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Leu Ala Val Ala Pro Ser Ala Lys Ala His Lys Ser Gln Asp Ser Leu
290 295 300

Cys Val Thr Leu Ala
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<210> 5
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PC32099A_GPR35 SERQUENCE for NY(Identical to PC32099)

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Asn Asn Phe Phe Ile Ile Tyr Ser Ala Leu Leu Leu Val Leu Gly Leu
20 25 30

Leu Leu Asn Ser Val Ala Leu Trp Val Phe Cys Tyr Arg Met His Gln
35 40 45

Trp Thr Glu Thr Arg Ile Tyr Met Thr Asn Leu Ala Val Ala Asp Leu
50 55 60

Cys Leu Leu Cys Ser Leu Pro Phe Val Leu Tyr Ser Leu Lys Tyr Ser
65 70 75 80

Ser Ser Asp Thr Pro Val Cys Gln Leu Ser Gln Gly Ile Tyr Leu Ala
85 90 95

Asn Arg Tyr Met Ser Ile Ser Leu Val Thr Ala Ile Ala Val Asp Arg
100 105 110

Tyr Val Ala Val Arg His Pro Leu Arg Ala Arg Glu Leu Arg Ser Pro
115 120 125

Arg Gln Ala Ala Ala Val Cys Val Ala Leu Trp Val Ile Val Val Thr
130 135 140

Ser Leu Val Val Arg Trp Arg Leu Gly Met Gln Glu Gly Gly Phe Cys
145 150 155 160

Phe Ser Ser Gln Thr Arg Arg Asn Phe Ser Thr Thr Ala Phe Ser Leu
165 170 175

Leu Gly Phe Tyr Leu Pro Leu Ala Ile Val Val Phe Cys Ser Leu Gln
180 185 190

Val Val Thr Val Leu Ser Arg Arg Pro Ala Ala Asp Val Gly Gln Ala
195 200 205

Glu Ala Thr Gln Lys Ala Thr His Met Val Trp Ala Asn Leu Ala Val
210 215 220

Phe Val Ile Cys Phe Leu Pro Leu His Val Val Leu Thr Val Gln Val
225 230 235 240

Ser Leu Asn Leu Asn Thr Cys Ala Ala Arg Asp Thr Phe Ser Arg Ala
245 250 255

Leu Ser Ile Thr Gly Lys Leu Ser Asp Thr Asn Cys Cys Leu Asp Ala

PC32099A_GPR35 SERQUENCE for NY(Identical to PC32099)

260 265 270

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Ala Thr Ser Ser Asn Thr Pro His Lys Ser Gln Asp Ser Gln Ile Leu
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Ser Leu Thr
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<400> 10
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<210> 11
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<212> DNA
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<400> 11
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<212> DNA
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<400> 12
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<220>
<223> primer

<400> 13
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<210> 14
<211> 36
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PC32099A_GPR35 SERQUENCE for NY (Identical to PC32099)

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